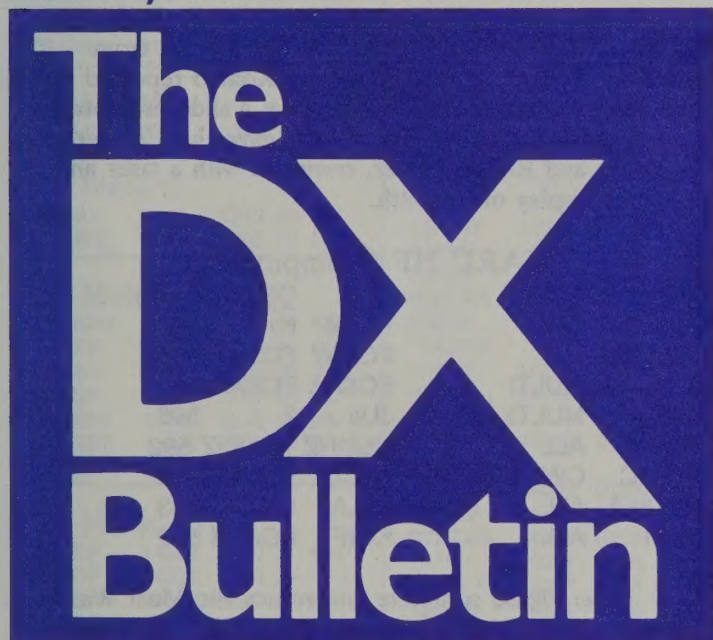


**St. Brandon - 3B7** Jacky Mandary 3B8CF has been reported as 3B7CF; length of stay not known, but probably most of July. He favors 14028 kHz at 0300Z, and 12-1500Z. He also checks into the nets on 21335 and 14256 kHz. On CW, he listens up 2-5 kHz, and on SSB goes alphabetically by the last letter in the call. QSL direct only, with SAE and US\$1: 6 Shastri Road, Candos, Q. Bornes, Mauritius, Indian Ocean. Sunrise 0235Z; sunset 1405Z. (3B7 counts as the same DXCC country as Agalega Island 3B6, #11 on last year's Most Wanted Countries survey.)

**St. Pierre & Miquelon - FP** Arthur Anderson NT1M (CW) and Scott Sminkey WO1G (SSB) will operate FP/ August 1-7, on 20-10 meters, including 17 and 12 meters. 40 meters is a possibility. QSL to Roger Tobin N1EYZ.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Brunei - V85** Bob Schenck N2OO and his new wife Beth KF2BQ will operate as V85OM and V85XYL August 5-12, on the first stop of a multi-country honeymoon/DXpedition. Usual DX frequencies: 25 kHz up on 20-10-meter CW, and 14195, 21295, and 28495 kHz. 40- and 80-meter frequencies depend on local QRM. DXers needing a YL QSO for YL DXCC may ask Bob for same; he'll put Beth on. QSL N2OO, box 345, Tuckerton NJ 08087. 'Contributions are always welcome.'

**East Malaysia - 9M6/8** Bob and Beth will be active as 9M6OO and 9M6BQ Aug. 12-20; same info as above. They'll also operate as 9M8OO and 9M8BQ sometime during their Brunei stay.

**Hong Kong - VS6** They wrap up their trip as N2OO/VS6 and KF2BQ/VS6 Aug. 24-30. Same info as above.

## Shortly Noted

- **TL8FD** continues to be very active on CW. Pat returns to France on August 15; work him now.
- **HB0/I6SRP** will operate July 11-14, on all bands and modes. QSL home call. (LNDX.)
- **OH2BH/EA8**: Martti Laine will be active from the Canary Islands July 17-25. He hopes to get his own EA8 callsign during his stay. QSL home call. (DXNS.)
- **HC1MD** Rick Dorsch NE8Z will operate from various spots in Ecuador during the month of August. Try 5 or 26 kHz up on CW, 160-10 meters. QSL home call. (See IOTA for more information.)
- **VP8CGK** is John's new call from Bird Island in the South Georgia group (AN-007). QSL to VK4MZ.
- **3D2AG** is currently active on CW from Rotuma, to July 21, using his regular Fiji callsign. Try the usual DX frequencies; QSL home call.
- **5V/F2JD**: Gérard will be in Togo on July 15, and stay until the end of the year. He'll be active on HF, RTTY, and satellite. (LNDX.)
- **YU2WV/5N0** is now active, for about three months. QSL to Vladimir Pavlica, Rastocine Road S-6, 51000 Rigeke, Yugoslavia. (DXNS.)
- **RJ1S/UI9GW** is the call of an Oblast 041 operation by UA0FHB, July 22-29. All bands, 160-10 meters.
- The **DXCC Backlog** is down to only 966 pending endorsements, as of June 30. They have completed the March Honor Roll submissions, and hope to be current with endorsements by September.
- **SSB Net check-ins: 7159 kHz**: V31AD PJ6WG NL7J/VY1; 14165: FT4YD (Antarctica); 14222: VK0KC (Antarctica); 14227: BV2FB 7Q7RM; 14256: ST2YD; 21335: HL9TK V51MA.
- **RTTY report**: Regulars: 4U1UN 14090 kHz weekends; J73WA 14085± 0030Z weekends; VP5JM 14091 0220Z. Active stations: TU2BB 14076 ARQ 0420Z; P29RB 14090 1130Z; HS0AC 14086 1140Z; V63SY 14088 1145Z; UI9ABV 21082 1630Z; V85GA 14080 2045Z; VP8BFH 14068 ARQ 1250Z; CN8NS 14086 2030Z; YN1CB 14083 0210Z; ZD8VJ 21094 1930Z; 9X5LJ 14071 ARQ 2355Z.
- **Islands On The Air**: **EJ5ID** is the call of a **Blasket Island** (EU-007) DXpedition July 20-27. Try 1985, 3785, 7085, 14285, 21385, and 28585 kHz. QSL via EI3BA, direct only. **HC1MC/HD4** Rick Dorsch will try to activate Esmeraldas Island (SA-???) around August 17. Try the IOTA frequencies of 14260, 21260, and 28460 kHz, and 14005, 21005, and 28005 kHz. Check-ins in the Indonesian IOTA gathering on 21260 kHz at 1800Z weekends: YC9RN Timor Island (OC-148); YB0XBW Java Island (OC-021). Some spots: CU8AH (EU-089) 14165 kHz at 0310Z; 4K3/UA3YCA (EU-085) 14009 1341Z; 4K4/UA0KBZ (AS-065) 21292 2325Z; GW0ONY (EU-124) 21255 0007Z; VK4CCC (OC-138) 14333 0715Z.



## Propagation

### Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
July 1991	Date Flux A K	Date Flux A K
12 High Normal	06/15 197 13/15 2	05/18 168 05/06 2
13 High Normal	06/16 185 04/08 2	05/19 164 04/07 3
14 Disturbed	06/17 177 37/45 6	05/20 148 04/06 0
15 Below Normal	06/18 173 19/28 3	05/21 148 08/09 3
16 Below Normal	06/19 175 21/28 3	05/22 147 18/17 3
17 High Normal	06/20 166 12/14 3	05/23 152 23/23 3
18 Low Normal	06/21 170 21/23 3	05/24 159 21/29 3
19 Low Normal	06/22 170 18/21 3	05/25 173 28/41 3
20 Disturbed	06/23 161 26/37 4	05/26 184 18/23 3
21 Disturbed	06/24 168 24/35 4	05/27 194 18/27 3
22 Low Normal	06/25 173 15/23 3	05/28 210 25/30 4
23 Low Normal	06/26 185 21/26 3	05/29 216 22/27 3
24 High Normal	06/27 200 10/14 2	05/30 231 15/19 3
25 High Normal	06/28 211 12/13 2	05/31 219 29/45 4

### Propagation Watch

The bands have been up and down over the past week. At times, conditions have been very good for this time of year, with good signal strengths, and prolonged openings. On July 6th, for example, 15 meters was open to many parts of the world at the same time, the long path to the west in the early morning was very productive, and there was considerable DX on north-south paths on 10 meters.

However, a major flare early the next day produced a flood of protons that caused a complete short-wave blackout in the higher latitudes: a polar cap absorption (PCA) event. The flare also disrupted the geomagnetic field, which had been exceptionally quiet the previous day (K indices of 1-2). The loss of all high-latitude paths, coupled with the reduced signal strengths and increased noise levels due to the active geomagnetic field (K indices of 4-5) practically eliminated DXing.

Look for more of this good-bad band conditions in the near future. Although Sunspot Region 6703 (nee 6659, the Region that produced all the X-class flares in early June) decayed significantly, there are several other active, growing Regions on the sun. Region 6716 is showing signs of a delta magnetic configuration, the formation that produces the strongest flares. That Region will be on the western side of the sun this week, so any flares will seriously disrupt the geomagnetic field. Regions 6718 and 6711 also hold potential for band-disrupting flares.

Overall, we should see a gradual decline in solar activity over the next week, followed by an increase toward the end of July. When the bands are good, they will be very good, thanks to the high level of solar activity. When solar flares disrupt the bands, however, we'll see more of the very poor conditions we have seen during the past six weeks.

Remember that the WWV and WWVH solar numbers are the previous day's values, except for the K index, which is up-dated every three hours. These solar indices, now up-dated at 2118Z, say more about band conditions yesterday than about conditions now. The K index gives a more up-to-date indication of current conditions. Note that the signal strength of WWV, and especially of WWVH, may tell you as much about current band conditions as the solar indices. Finally, use the Regulars listing on the back page for 'beacon' stations to show current band conditions.

## Burma Fund Drive

Ed Kritsky NT2X is spear-heading the fund-raising effort for Romeo Stepanenko 3W3RR's Burma XZ operation, which is now scheduled for August-September. The \$45,000 cost of the trip must be raised up front. Without the support of the DX community, this operation will not take place. As an added incentive to contributors, the DXpedition team will provide a souvenir medal to every sponsors who donates more than US\$25. The medal will be individually engraved with the contributor's callsign. Donations may be sent to Ed at Box 715, Brooklyn NY 11230. Ed also reports that the YAØRR QSL cards are beginning to come out, mailed from the USSR.

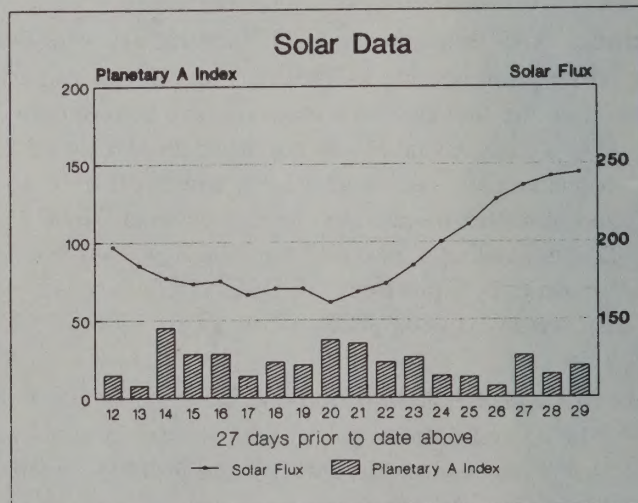
## Romeo In the US

Romeo Stepanenko 3W3RR is currently traveling around the US, meeting with various radio clubs. He was the guest of Vince Thompson K5VT in Arizona July 10, Southern California DX Club July 11, and the Northern California DX Club July 12. On July 3rd, the North Alabama DX Club in Huntsville, Alabama, treated Romeo, his wife Alyona, and business partner Yuri Brajenko to a banquet. There were 106 people in attendance, from Kentucky, Tennessee, and Alabama. Romeo reported on his up-coming Burma operation, and gave a slide presentation of his YAØRR operation. Their hosts gave them a tour of the Space and Rocket center, complete with a laser and fireworks display on July 4th.

## IARU HF Championship

Call	Class	Ops	QSL	Issue
C6AFQ	CW	K1TN	K1TN	592
FO514IW	?	FO5IW	FO5IW	595
FO814AA	MULTI	FO8AA	FO8AA	595
JU1DX	MULTI	JUs	?	595
P4ØZ	ALL	N5MHZ	N5MHZ	592
SO3CC	CW	K1CC	K1CC	595
YS/K8LA	ALL	K8LA	K8LA	593
ZF2JI	ALL	K4IIF	KG6AR	592

Note: Please complete and return the Most Wanted Countries survey that was included with last week's Issue. Your response is important. Thanks.





# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27

## RTTY

4U1UN	14088	0120	21	AL
4U1UN	14092	2101	30	FL
5B4TX P	21103	1308	30	NH
CU2EN	14090	0101	5	PA
EA6PZ	21088	1725	30	FL
EA6PZ	14089	2252	4	PA
EA9MY	14087	1923	30	FL
FO5EM	14086	1235	2	MN
HI8BG	14087	1038	3	FL
J73WA	14080	0030	30	PA
JY9SR	18085	0032	28	AL
KG4DD	14089	0434	30	PA
TR8CA P	21099	1310	30	NH
TU2YK	21088	1700	30	FL
VP5JM	14093	0216	3	OH
VP5JM	21083	2121	29	PA

## 160 Meters

TU2MA	1833	0208	26	WV
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## 75 Meters

4U1UN	3771	0352	22	MI
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## 40 Meters

HS0AC	7005	1213	30	AL
VS6WV	7007	1200	25	CA

## 30 Meters

4K1AFM	10102	1051	6	FL
CT2FX	10104	0208	1	AL
FO5DV	10105	0530	28	CA
P29BF	10108	1140	26	AL
VP2EST	10105	0218	30	VA
VP2EST	10106	0939	30	PA
ZF2AH	10101	0345	3	PA

## 20 Meter CW

3B8CF	14028	0250	3	OH
3B8CF *	14028	1226	24	MI
3B8DA *	14012	1222	3	FL
3B8FG	14020	0313	4	FL
3B8FG	14020	1132	24	MI
3B8FQ *	14007	1215	4	FL
3B9FR *	14032	0110	30	CA
3B9FR *	14030	1115	4	MI
3D2AG	14017	1050	5	PA
3DA0BK	14018	1250	30	NH
4K1A	14004	1151	4	FL
4K1ADQ	14010	1421	29	CO
4K1AFM	14012	1255	30	CO
4K1B	14006	0509	27	OH
4K2OIL	14003	0514	27	BC
4K2PGO	14016	0015	25	OR
4K2PGO	14018	1200	27	AL
4S7CF	14007	0110	30	CA
4S7EA *	14011	1205	26	MI
4S7EF	14029	1221	24	CO
4S7NE	14006	0055	26	NY
4S7NE *	14005	1240	26	MT
4S7RO *	14015	1127	4	MI
4S7WN *	14026	1159	5	FL
4S7WP	14030	2237	2	MN
4S7WP *	14005	1210	30	MI
7Q7LA *	14005	1144	28	MI
7X2CR	14006	0058	2	GA

9M2AX	14025	1425	28	MT
9M2AX *	14026	1123	29	NY
9M2FK *	14018	1108	29	NY
9M2TE	14029	0100	30	CA
9M2ZA	14037	1025	28	MA
9V1JY *	14028	1041	3	FL
9V1YC	14020	1047	30	WV
9V1YR	14004	1433	28	MT
BV2BI	14022	1510	29	CA
BV2FB	14027	1500	28	MT
BV2QB	14026	0220	30	CA
BV2TA *	14017	1039	3	FL
BY9GA	14028	1445	29	CA
BZ4SAA	14021	1306	24	CO
EA8BWP	14007	1827	29	WI
ES6DO	14003	0057	30	FL
FK8FS	14038	0600	25	IA
FK8FS	14009	1116	28	MA
FR5BT *	14005	1242	26	MT
FR5DD *	14016	1235	1	MN
FT4WC	14021	1119	26	AL
GX0IPX	14032	0211	28	GA
HI8A	14017	0110	1	GA
HK0PPY	14024	1207	28	IL
HS0AC *	14020	1041	3	FL
JD1AMA	14017	1223	22	AL
JT1CS	14037	1422	26	NY
JW8PF	14027	1449	28	OR
JY9SR	14029	0236	3	OH
KG4DD	14027	0234	3	OH
KG4DD	14031	1100	28	MA
P29DK	14013	1304	25	NY
PZ1DY	14004	0324	26	WI
R100RW	14030	0220	26	GA
RA0X/	14032	0417	26	OR
UV3DA				
RF6FP	14027	0236	29	KS
RM5P/	14009	1425	28	OR
UM8QDX				
RV4F/	14027	0150	26	GA
UT4UY				

SO2PBA	14025	0029	6	FL
SU1HV	14006	0006	28	NB
SV0CJ/5	14019	0210	26	GA
TA7M	14031	0128	30	FL
TL7JA *	14027	1144	30	GA
TL8FD	14025	0206	29	GA
TL8FD	14022	2047	29	NH
UC2WX	14003	1348	27	MT
UF6QAW	14049	0335	26	CA
UF7FWW *	14008	1251	4	FL
UO5PK	14035	0219	29	GA
UQ1GXZ	14051	0343	29	KS
UR8G	14008	0143	28	MI
UR8G	14011	2245	2	GA
VK8SD	14007	1131	25	AL
VU2EAI	14015	1139	26	NY
VU2LX	14021	0129	2	FL
VU2NI	14013	0115	30	CA
VU2NI *	14007	1142	24	MI
VU2NTA *	14002	1144	30	WV
VU2OX *	14004	1242	26	MT
VU2TE *	14028	1301	30	GA
VU2TI *	14007	1126	29	NY
VU3JAM *	14003	1228	3	FL
XU8DX	14005	1140	26	OR
YN1CC	14003	0527	30	IL
YN1CC	14002	1225	24	IL
YO8CF	14054	0309	1	KS
Z21FN	14007	1303	3	OH
ZS5ADV *	14024	1249	26	MT
ZS6UE	14025	0600	27	MT

## 20 Meter SSB

3B8FG *	14197	1123	27	MI
3D2AG	14195	1233	3	MN
4S7RO *	14171	1149	28	IL
5N0ETP	14206	0714	29	WA
7Q7LA	14160	0525	29	WI
7X2DB	14290	2215	3	CT
7X2KT	14184	0322	29	WA
7X2KT	14208	1940	29	NH
8R1/UNSC	14255	0040	26	OR
9K2YA	14272	2133	30	NH
9N1MM	14247	0014	25	MA
9V1NQ	14181	1501	28	MT
BV5OC	21335	1515	28	MT
FK8CP	14230	0754	28	WI
FP5DX	14197	0344	27	MT
FT4WC	14177	1233	24	IL
FT4YD	14190	1049	26	NJ
HK0TCN	14179	0339	22	MI
JY9CI	14219	0258	3	MN
KC4USV	14213	0750	28	WI
RG8GWS	14231	0136	4	CT
ST0DX	14253	2028	29	NH
ST0DX *	14197	1227	1	MN
TU2PA	14218	0716	29	WA
TZ6VV	14200	0335	25	CO
UA0GAE	14258	1335	29	OR
UH8EA	14181	0120	28	DE
VS6WV	14202	1450	21	BC
VU2AU *	14198	1142	28	IL
VU2CVP *	14165	1236	3	MN
VU2DZ	14175	1200	26	MA
VU2GJR *	14185	1205	28	IL
XU8DX	14180	1152	26	OR
YJ8AB	14228	1009	21	VA
YJ8CW	14210	1106	26	NJ
YS9YS	14169	0050	27	DE

## 17 Meter CW

9L1US	18069	2348	27	AL
CT2FX	18070	0308	29	SC
EA6ZY	18090	2010	26	SC
ES1QD	18085	2226	19	SC
FH5EJ	18078	2242	29	PA
HC5AI	18072	1313	30	PA
HI8A	18072	0125	29	NY
JY9SR	18075	2003	4	CT
LY3BA	18070	0128	29	NY
OA4AMM	18077	2155	26	NY
P29BF	18074	1215	1	AL
RF6FP	18073	0318	29	SC
SP7HT	18074	0311	29	AZ
SV0DV/9	18070	0328	28	SC
U0AL	18070	0320	27	SC
UA9UOE	18080	0246	29	CT
UH8EA	18076	1435	26	VA
UO5OLW	18083	2022	4	CT
VP2EST	18075	1515	4	PA
Z21HQ	18069	1831	23	VA
ZD8WD	18075	2005	26	SC
ZP6XDW	18071	2207	26	NY

## 17 Meter SSB

9X5NH	18135	2119	20	NY
A92BE	18130	2100	29	PA
EA8ZO	18113	2141	23	IL
P29DX	18145	1350	21	VA
P29NJ	18150	1343	21	VA
VK7OW	18130	0346	4	CT

VP2EHF	18158	0001	20	NY
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## 15 Meter CW

4K2BDU	21006	1751	29	NH
4K2OCW	21010	2310	29	NH
4S7NE	21005	0137	30	FL
4S7WP	21023	2325	27	GA
7X2CR	21019	1719	30	FL
8R1J	21023	2153	30	CO
9X5HG	21021	2230	2	MN
BV2DA	21005	1738	29	NH
GB4JUL	21025	1717	4	FL
OD5AW	21005	0218	6	FL
R100RW	21016	0133	30	OH
R100RW	21010	1725	29	GA
RF6FP	21028	0240	30	GA
RI1IO	21013	0109	6	FL
SU1HV	21015	0220	30	WI
SV1ATW	21038	1540	29	CA
TA2A	21016	2154	5	FL
TA2AO	21009	1432	29	MI
TF3GC	21004	1744	29	NH
UD80AI	21003	0042	30	OH
UF6FKW	21044	0404	29	CT
UF9FXA	21005	0039	30	OH
UO5OA	21025	0400	28	IL
UR8G	21010	2115	2	FL
VU2BK	21028	0417	29	CT
VU2SU	21034	0127	6	FL
VU2ZAP	21002	0205	6	FL
XT2BW	21036	1640	29	GA
ZB2FK	21035	2211	30	FL
ZD8GT	21005	0030	26	DE

## 15 Meter SSB

9J2HN	21263	2230	28	WI
9K2CS	21315	2105	29	MI
9K2NL	21345	1835	29	CA
9L1US	21240	1357	23	IL
BZ4COP	21245	1141	29	VA
BZ4RBX	21212	1136	29	VA
CE0DFL	21289	0420	28	IL
H44AP	21263	1200	29	MI
KG4FD	21367	1935	22	CA
OD5ZZ	21296	2223	29	NH
UI8ZAA	21305	1800	29	DE
YC0FEO	21318	1626	29	CT

## 12 Meters

9L1
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Issue 596 - July 12, 1991

### Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Afghanistan	YA	YA0AS	July 12-29	I592
Andorra	C3	C30EJA	July-Aug.	I594
Aruba	P4	P40Z	July 10-23	I592
Bahama Islands	C6	C6AFQ	July 1-16	I592
Bangladesh	S2/	WZ6C	Now Active	I593
Brunei	V8	V85OM/XYL	Aug. 5-12	I596
Canary Islands	CT3/	OH2BH	July 17-25	
Cayman Islands	ZF	ZF2JI	July 13-14	I592
		ZF2QM	July 13-20	I595
Central African Rep.	TL8	FD	Now-August	I590
Corsica	TK/	F6JMY	July 15-Sept.	I594
East Malaysia	9M	9M6OO/BQ	Aug. 12-20	I596
El Salvador	YS/	K8LA	June 29-July 14	I593
Fiji	3D	3D2??	July 18-28	I594
Hong Kong	VS6/	N2OO, KF2BQ	Aug. 24-30	I596
Iceland	TF/	LA4LN, LA1SP	July 18-Aug. 1	I595
Jersey	GJ/	ON5FP	July 15-Aug. 1	I594
Leichtenstein	HB0/	I6SRP	July 11-14	I596
Madeira	CT3/	PA3ERL	to July 15	I595
Maldives	8Q	8Q7??	July 9-19	I595
Mongolia	JT	JU1DX	July 13-14	I595
Nevis	V4	V47DX	July 16-23	I594
Oblasts	RC50/	RB5CCO	July 15-30	I595
	UM,UI/	ES1RA	July	I595
Rotuma	3D	3D2AG	July 1-21	I592
St. Brandon	3B7	3B7CF	Now-July	I596
St. Pierre & Miquelon	FP/NT1M	WO1G	Aug. 1-7	I596
Snake Island		4K5ZI	July 6-26	I593
Togo	5V/F2JD		July 15-Dec.	I596
Vatican	HV	HV0HH	July 14	I594

### Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
July 13-14	IARU HF Championship	<u>QST</u>
July 27-28	DXPO 91—Atlanta GA	<u>I595</u>
July 26-28	Northwestern DX Conv.	<u>I592</u>
Sept. 7	W9DXCC Convention	<u>I593</u>

### Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
■ Anguilla	VP2EST	10105	1030Z
■ Antarctica	4K1B	14005	0500Z
■ Antarctica	4K1A	14004	1200Z
■ Burkino Faso	XT2BW	21036	1645-19Z
■ Central African Rep.	TL8FC	14025	02-0400Z
■ Crozet Island	FT4WC	14185±	1230Z Mon
■ Crozet Island	FT4WC	14020	1130-13Z
■ Egypt	SU1HV	14010±	0000Z
■ Georgia	RF6FP	14030±	0230Z
■ Guantananoo Bay	KG4DD	14027	0230Z
■ India	VU2NTA	14002	1145Z
■ Jordan	JY9SR	18073	20-0300Z
■ Malawi	7Q7LA	14006	1200Z
■ Malaysia	9M2AX	14026	1130-1430Z
■ Mauritius Island	3B8FG	14020	1130-13Z
■ Nicaragua	YN1CC	14003	1230Z
■ Papua-New Guinea	P29NJ	18150	1345Z
■ Reunion Island	FR5DD	14010±	1230Z
■ Rodriguez Island	3B9FR	14030	1115-13Z
■ Rwanda	9X5HG	21025±	2230Z
■ Singapore	9V1JC	14014	1100Z
■ Singapore	9V1JY	20M CW	11-1400Z
■ South Africa	ZS5ADV	14020±	1300Z
■ Sri Lanka	4S7EA	14010	1230Z
■ Sri Lanka	4S7RO	14190±	1150Z
■ Sri Lanka	4S7WP	14026±	12, 2230Z
■ Sri Lanka	4S7RO	14010±	1130Z
■ Swaziland	3DA0BK	14018	1300Z
■ Taiwan	BV2TA	14025	1030-14Z
■ Thailand	HS0AC	14023±	1045Z
■ Ukraine	UR8G	21015±	21-0300Z

### Contributors

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